JC Rec'd PCT/PTO 1 2 MAR 2001

SEQUENCE LISTING

```
<110> GARDINO INVESTMENT N.V.
<120> DNA SEQUENCE ENCODING ONCOFETAL FERRITIN PROTEIN
<130> 1196492-MOROZ
<140> PCT/IL99/00485
<141> 1999-09-08
<150> IL 126181
<151> 1998-09-11
<160> 37
<170> PatentIn Ver. 2.1
<210> 1
<211> 891
<212> DNA
<213> Humanus
<400> 1
ttgacaccag accaactggt aatggtagcg accggcgctc agctgggatt cctaaaatgt 60
aatgcacact ccattggcat tcagcccgcc tctccttagt cgccgccatg acgaccgcgt 120
ccacctcgca ggtgcgccag aactaccacc aggactcaga ggccgccatc aaccgccaga 180
tcaacctgga gctctacgcc tcctacgttt acctgtccat gtcttactac tttgaccgcg 240
atgatgtggc tttgaagaac tttgccaaat actttcttca ccaatctcat gaggagaggg 300
aacatgctga gaaactgatg aagctgcaga accaacgagg tggccgaatc ttccttcagg 360
atatcaagaa accagactgt gatgactggg agagcgggct gaatgcaatg gagtgtgcat 420
tacatttgga aaaaaatgtg aatcagtcac tactggaatt cccttctcct atctctcca 480
qtcctaqctq ctqqcatcac tatactacta acagaccgca acctcaacac caccttcttc 540
gaccccgccg gaggaagaga ccccattcta taccaacacc tattctgatt tttcggtcac 600
cctqaaqttt atattcttat cctaccaggc ttcggaataa tctcccatat tgtaacttac 660
tactecqqaa ateqetqteq cetaaceget aacattactg caggecacet acteatgeac 720
ctaattggaa gcgccaccct agcaatatca accattaacc ttccctctac acttatcatc 780
ttcacaattc taattctact gactatccta gaaatcgctg tcgccttaat ccaagcctac 840
gttttcacac ttctagtaag cctctacctg cacgacaaca cataaaaaaa a
<210> 2
<211> 953
<212> DNA
<213> Humanus
```

<400> 2

gggggacgga acceggeget cgtteceeae eeeggeegge egeceatage cageeeteeg 60





<210> 3 <211> 209 <212> DNA <213> Humanus

<400> 3

cttctcctat ctctccagt cctagctgct ggcatcacta tactactaac agaccgcaac 60 ctcaacacca ccttcttcga ccccgccgga ggaagagacc ccattctata ccaacaccta 120 ttctgatttt tcggtcaccc tgaagtttat attcttatcc taccaggctt cggaataatc 180 tcccatattg taacttacta ctccggaaa 209

<210> 4
<211> 209
<212> DNA
<213> Humanus

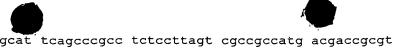
<400> 4

cttctcctat ctctcccagt cctagctgct ggcatcacta tactactaac agaccgcaac 60 ctcaacacca ccttcttcga ccccgccgga ggaggagacc ccattctata ccaacaccta 120 ttctgatttt tcggtcaccc tgaagtttat attcttatcc taccaggctt cggaataatc 180 tcccatattg taacttacta ctccggaaa 209

<210> 5 <211> 891 <212> DNA <213> Humanus

<400> 5

ttgacaccag accaactggt aatggtagcg accggcgctc agctggaatt ccaaaaaatg 60



<210> 6

<211> 165

<212> PRT

<213> Humanus

<400> 6

Met Thr Thr Ala Ser Thr Ser Gln Val Arg Gln Asn Tyr His Gln Asp 1 5 10 15

Ser Glu Ala Ala Ile Asn Arg Gln Ile Asn Leu Glu Leu Tyr Ala Ser 20 25 30

Tyr Val Tyr Leu Ser Met Ser Tyr Tyr Phe Asp Arg Asp Val Ala 35 40 45

Leu Lys Asn Phe Ala Lys Tyr Phe Leu His Gln Ser His Glu Glu Arg
50 55 60

Gln His Ala Glu Lys Leu Met Lys Leu Gln Asn Gln Arg Gly Gly Arg
65 70 75 80

Ile Phe Leu Gln Asp Ile Lys Lys Pro Asp Cys Asp Asp Trp Glu Ser 85 90 95

Gly Leu Asn Ala Met Glu Cys Ala Leu His Leu Glu Lys Asn Val Asn 100 105 110

Gln Ser Leu Leu Glu Phe Pro Ser Pro Ile Ser Pro Ser Pro Ser Cys 115 120 125

Trp His His Thr Thr Thr Asn Arg Pro Glu Pro Gln His His Leu Leu 130 135 140



Arg	Pro	Arg	Arg	Arg	Lys	Arg	Pro	His	Ser	Ile	Pro	Thr	Pro	Ile	Leu
145					150					155					160

Ile Phe Arg Ser Pro

<210>	7
<211>	24
<212>	DNA
<213>	Humanus
<400>	7

ggtggcgacg	actcctggag	cccg

<210>	8
<211>	24
<212>	DNA
<213>	Humanus
<400>	8
ttgac	accag accaactggt aatg

<210>	9			

<211>	27
<212>	DNA
<213>	Humanus

<400> 9		
gaccgcgatg	atgtggcttt	gaagaac

gataggatct ttagcgacag ccga

<210>	10
<211>	24
<212>	DNA
<213>	Humanus
<400>	10

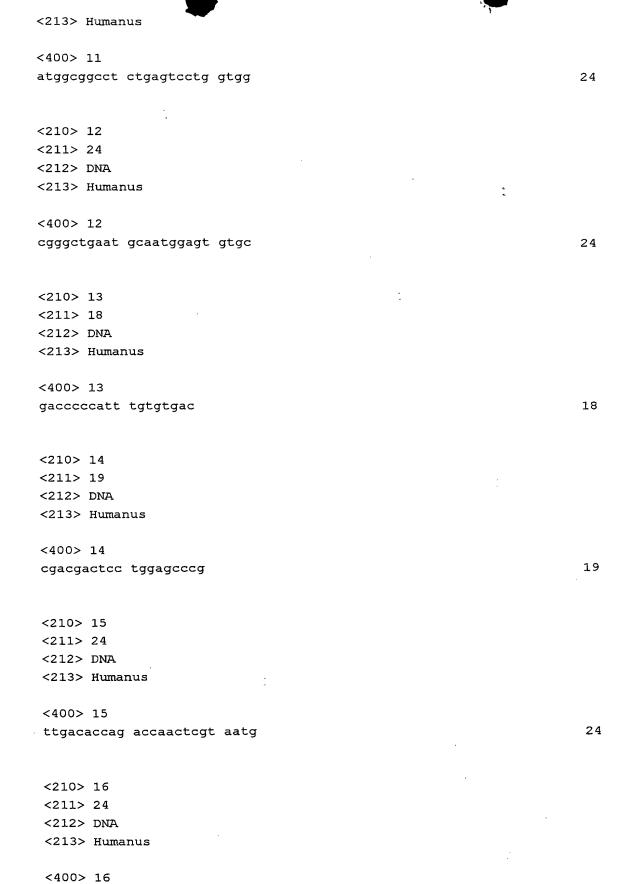
<210>	11
<211>	24
<212>	DNA

27

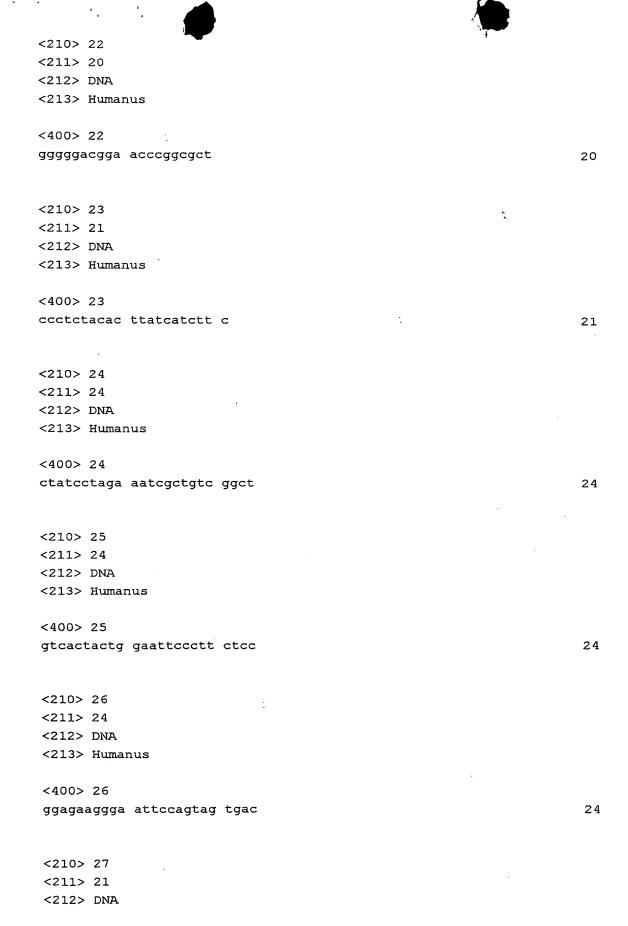
24

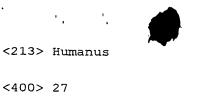
24

24



agccgacage gatttetagg atag	24
<210> 17	
<211> 27	
<212> DNA	
<213> Humanus	
<400> 17	
gttcttcaaa gccacatcat cgcggtc	27
<210> 18	
<211> 28	
<212> DNA	
<213> Humanus	
<400> 18	
gctttcatta tcactgtctc ccagggtg	28
<210> 19	
<211> 24	
<212> DNA	
<213> Humanus	
<400> 19	
cagacgttct tcgccgagag tcgt	24
<210> 20	
<211> 27	
<212> DNA	
<213> Humanus	
<400> 20	
cagacgttct tcgccgagag tcgtcgg	27
<210> 21	
<211> 20	
<212> DNA	
<213> Humanus	
<400> 21	
<400> 21	20
catttcgggg attcggggga	20







<400> 27		
ggaaatcgct	gtcgcctaac	С

21

<210>	28
<211>	21

<212> DNA

<213> Humanus

<400> 28

ggttaggcga cagcgatttc c

21

<210> 29

<211> 20

<212> DNA

<213> Humanus

<400> 29

ggccacgcgt cgactagtac

20

<210> 30

<211> 20

<212> DNA

<213> Humanus

<400> 30

gtaatgcaca ctccattggc

20

<210> 31

<211> 18

<212> DNA

<213> Humanus

<400> 31

gtaatgcaca ctccattg

18

<210> 32

<211> 18

<212> DNA

<213> Humanus

<400> 32

gcgctcagct ggaattec	18
<210> 33	
<211> 18	
<212> DNA	
<213> Humanus	
<400> 33	
ggaattccag ctgagcgc	18
	10
<210> 34	
<211> 29	
<212> DNA	
<213> Humanus	
<400> 34	
gtgggatccc catgacgacc gcgtccacc	29
<210> 35	
<211> 27	
<212> DNA	
<213> Humanus	
<400> 35	
gactcgagtt aagccgacag cgatttc	27
<210> 36	
<211> 29	
<212> DNA	
<213> Humanus	
<400> 36	
gactcgagtc agggtgaccg aaaaatcag	29
·	
<210> 37	
<211> 31	
<212> DNA	
<213> Humanus	
<400> 37	
cccgctcgag tcagggtgac cgaaaaatca g	31
accacacaca comadacam cammunom a	91